# Video: Tech/Trends Trivia

# 2013 Ford Fusion Family

Fusion Sedan

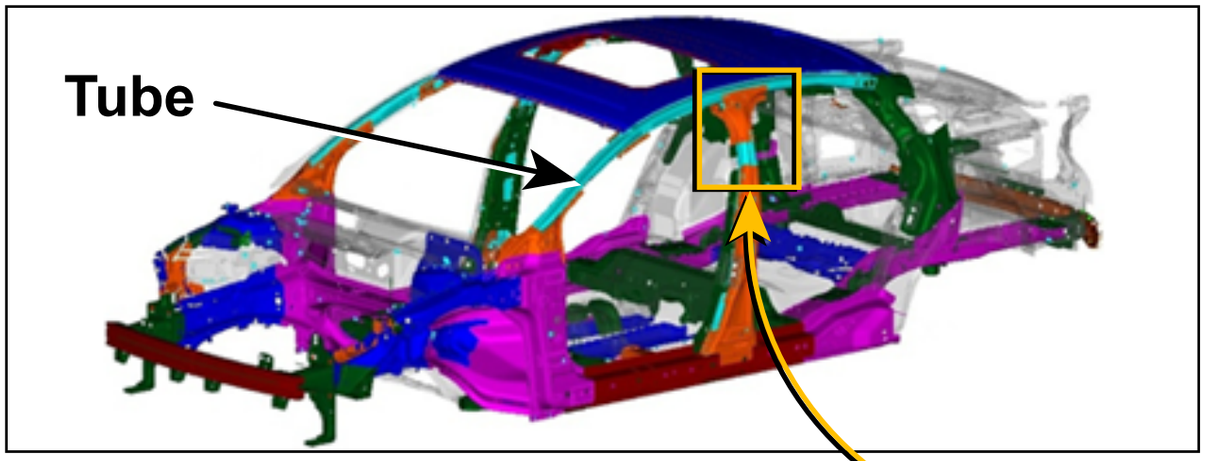
Fusion Energi

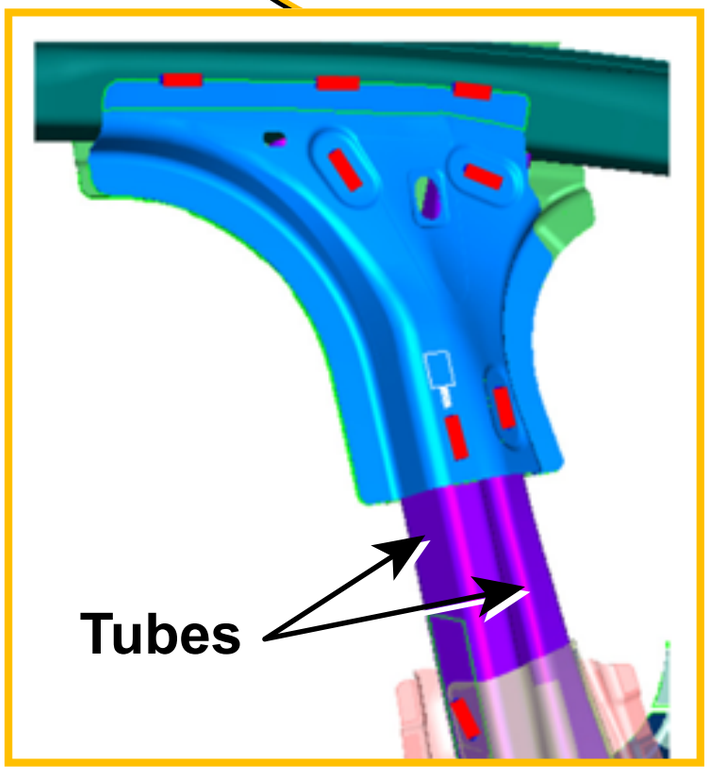
- Sedan
- Hybrid electric
  - lithium-ion battery pack
- Plug-in hybrid electric Energi

# Ford On Electric Vehicle Handling

- **Potential of delayed fire with damaged lithium-ion batteries**
- **Battery vent vapors are potentially toxic/ flammable**
- **Store severely damaged vehicles more than 50 feet from any structures or other vehicles**

# 2013 Ford Fusion Tubular Structure




- Mild Steel
- DP 600
- DP 800
- DP 1000
- Boron - Martensitic

*Great Designs in Steel 2012 Presentation*

- **Dual-phase (DP) 1,000 MPa hydroformed tube from base of A-pillar to C-pillar**
- **Two similar tubes, side by side in each B-pillar**
- **Boron-alloyed steel in B-pillar, rocker panel, bumper reinforcement**

# 2013 Ford Escape

- Four times as much HSS and UHSS as previous model
- Sectioning procedures for exterior side aperture only
- Side curtain airbags stay inflated for six seconds

# More Rear Inflatable Seat Belts

- 2013 Ford Flex and all Lincolns
- Both rear seats
- Inflates in frontal impact
- Gas canister beneath each seat

# 2013 Ford C-MAX

- First-ever dedicated hybrid vehicles from Ford
- Hybrid electric (C-MAX) and plug-in hybrid electric (C-MAX Energi)
- Lithium-ion battery pack